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Art Unit: 2633

## CLAIMS

1. (previously presented) A network device comprising:

optical switching logic coupled between a plurality of input optical interfaces and a plurality of output optical interfaces, for selectively forwarding an optical data stream having a given wavelength to either one of the optical interfaces for output on at least one optical fiber or to routing logic ; and

wherein the routing logic is operably coupled to the switching logic to selectively receive the optical data stream from the optical switching logic and retrieve routing information from the optical data stream, wherein the routing information is used to dynamically control the forwarding of subsequent optical data streams transmitted at the given wavelength through the optical switch logic to one of the output optical interfaces on the at least one optical fiber.

2. (original) The networking device of claim 1, wherein the optical switching logic is operably coupled to receive an incoming optical data stream from an incoming optical fiber over an incoming optical interface and selectively pass the incoming optical data stream through to an

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